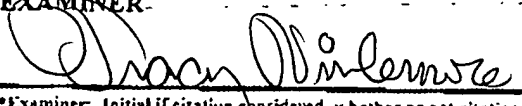


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	Applicant(s): Li et al.	Confirmation No.: 5608
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U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
TV		4,897,355	01/30/90	Eppstein et al.			
		5,107,065	04/21/92	Shewmaker et al.			
		5,264,618	11/23/93	Felgner et al.			
		5,279,833	01/18/94	Rose			
		5,283,184	02/01/94	Jorgensen et al.			
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		5,583,021	12/10/96	Dougherty et al.			
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		US 2002/0162126 A1	10/31/02	Beach et al.			
		US 2003/0056235 A1	03/20/03	Fire et al.			

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TV		US 2003/0051263 A1	03/13/03	Fire et al.			
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↓		US 2004/0018999 A1	01/29/04	Beach et al.			

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TV		AU 199919380	07/12/99	Australia				
		AU 199929163	10/18/99	Australia				
		DE 101 00586	04/11/02	Germany (incl. English Abstract)				
		EP 0242016	10/21/87	Europe				
		WO 96/20951	07/11/96	PCT				
		WO 97/35965	10/02/97	PCT				
		WO 97/48793	12/24/97	PCT				
		WO 98/05770	02/12/98	PCT				
		WO 98/36083	08/20/98	PCT				
		WO 99/32619	07/01/99	PCT				
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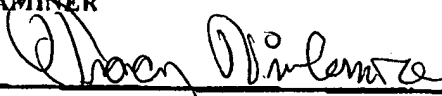
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TU	✓	WO 99/49029	09/30/99	PCT				
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	✓	WO 00/49035	08/24/00	PCT				
	✓	WO 00/63364	10/26/00	PCT				
	✓	WO 01/29058	04/26/01	PCT				
	✓	WO 01/36646	05/25/01	PCT				
	✓	WO 01/75164	10/11/01	PCT				
	✓	WO 01/68836	09/20/01	PCT				
↓	✓	WO 01/88121	11/21/01	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
TU		Alvarado et al., "Double-stranded RNA specifically disrupts gene expression during planarian regeneration," <i>Proc. Natl. Acad. Sci. USA</i> , 1999; 96:5049-5054.
↓	✓	Amirthalingam et al., "Embryonic expression and DNA-binding properties of zebrafish pax-6," <i>Biochem Biophys Res Commun.</i> , 1995; Oct 4; 215(1):122-8.
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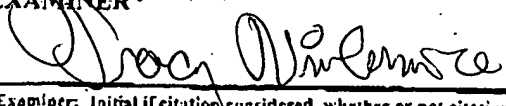
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TV		Baulcombe, "RNA silencing. Diced defence," <i>Nature</i> , 2001 Jan 18; 409(6818): 295-6.
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EXAMINER <i>Therese Wilentz</i>	Date Considered 12/13/05
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Examiner Initial	Copy Enclosed	Document Description
TV		✓ Cogoni et al., "Posttranscriptional Gene Silencing in <i>Neurospora</i> by a RecQ DNA Helicase," <i>Science</i> , 17 December 1999;286: 2342-2344.
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TV		Gale et al., "Translational Control of Viral Gene Expression in Eukaryotes," <i>Microbiology and Molecular Biology Reviews</i> , June 2000;64: 239-280.
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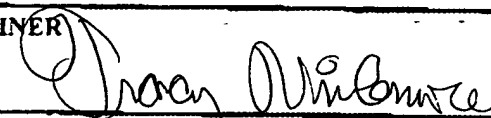
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TV		Jordanov et al., "Activation of NF- κ B by double-stranded RNA (dsRNA) in the absence of protein kinase R and RNase L demonstrates the existence of two separate dsRNA-triggered antiviral programs," <i>Mol Cell Biol.</i> , 2001 Jan; 21(1):61-72.
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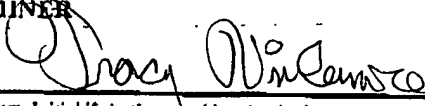
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Examiner Initial	Copy Enclosed	Document Description
TV		Lau et al., "Embryonic XMAb2112 expression is required for gastrulation and subsequent neural development," <i>Biochem Biophys Res Commun.</i> , 2001 Feb 9; 280(5):1378-84.
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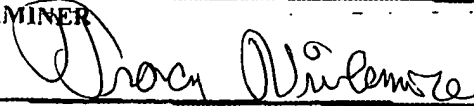
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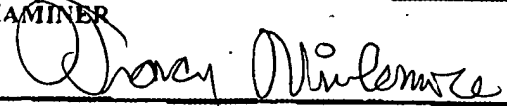
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TV		National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus HUMP68A, Accession No. M35663, "Human p68 kinase mRNA, complete cds.," [online]. Bethesda, MD [retrieved on 2003 December 19]. Retrieved from the Internet:<URL:www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=189505&dopt=GenBank&term=M35663&qty=1>; 3 pgs.
		National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus XM_010893, Accession No. XM_010893, "Homo sapiens signal transducer and activator of transcription 1, 91kD (STAT1), mRNA," [online]. Bethesda, MD [retrieved on 2003 December 19]. Retrieved from the Internet:<URL:www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20533804&dopt=GenBank&term=NM_010893&qty=1>; 4 pgs.
		National Center for Biotechnology Information, National Library of Medicine, National Institutes of Health, GenBank Locus S72725, Accession No. S72725, "E2/NS1-envelope glycoprotein [hepatitis C virus HCV, agammaglobulinemic patient isolate, Genomic RNA, 441 nt]," [online]. Bethesda, MD [2003 December 19]. Retrieved from the Internet:<URL:www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=619405&dopt=GenBank&term=S72725&qty=1>; 2 pgs.
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* Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

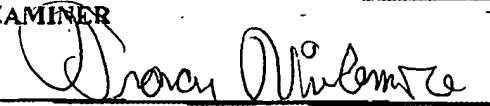
INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00030103	Serial No.: 10/772,661
	Applicant(s): Li et al.	Confirmation No.: 5608
	Application Filing Date: February 5, 2004	Group: 1645
	Information Disclosure Statement mailed: May 7, 2004	

Examiner Initial	Copy Enclosed	Document Description
TU		Pachuk et al., "Characterization of a new class of DNA delivery complexes formed by the local anesthetic bupivacaine," <i>Biochim. Biophys. Acta</i> , 2000;1468: 20-30.
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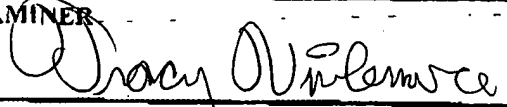
INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00030103	Serial No.: 10/772,661
	Applicant(s): Li et al.	Confirmation No.: 5608
	Application Filing Date: February 5, 2004	Group: 1645
	Information Disclosure Statement mailed: May <u>7</u> , 2004	

Examiner Initial	Copy Enclosed	Document Description
TV		Schulte-Merker et al., "The protein product of the zebrafish homologue of the mouse <i>T</i> gene is expressed in nuclei of the germ ring and the notochord of the early embryo," <i>Development</i> , 1992 Dec; 116(4):1021-32.
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Examiner Initial	Copy Enclosed	Document Description
TV		✓ Van Blokland et al., "Transgene-mediated suppression of chalcone synthase expression in <i>Petunia hybrida</i> results from an increase in RNA turnover," <i>The Plant Journal</i> , 1994;6: 861-877.
		✓ Verma et al., "Gene therapy- promises, problems and prospects," <i>Nature</i> , 18 September 1997;389:239-242.
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Examiner Initial	Copy Enclosed	Document Description
TV		✓ Wianny et al., "Specific interference with gene function by double-stranded RNA in early mouse development," <i>Nature Cell Biol.</i> , 2:70-75 (available in print February 2000; published electronically December 23, 1999).
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EXAMINER <i>Tracy Wilensz</i>	Date Considered 12/13/05
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INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.00030103	Serial No.: 10/772,661
	Applicant(s): Li et al.	Confirmation No.: 5608
	Application Filing Date: 02/05/04	Group: 1645
	Information Disclosure Statement mailed: October 8, 2004	

U.S. PATENT DOCUMENTS

Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
TV		6,506,559	01-2003	Fire et al.			

FOREIGN PATENT DOCUMENTS

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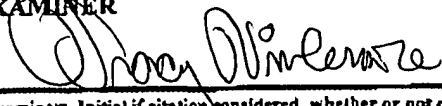
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Examiner Initial	Copy Enclosed	Document Description
TV		Agami, "RNAi and related mechanisms and their potential use for therapy," <i>Current Opinion in Chemical Biology</i> , 2002, Vol. 6:829-834
		Agrawal et al., "Antisense Therapeutics: is it as simple as complementary base recognition?," <i>Molecular Medicine Today</i> , 2000, Vol. 6:72-81
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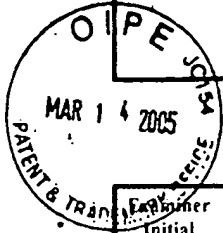
EXAMINER <i>Tracy Milcena</i>	Date Considered 12/13/05
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	Applicant(s): Li et al.	Confirmation No.: 5608
	Application Filing Date: 02/05/04	Group: 1645
	Information Disclosure Statement mailed: October 8, 2004	

Examiner Initial	Copy Enclosed	Document Description
TV	✓	Wang et al., "Progress in the Delivery of Therapeutic Oligonucleotides: Organ/Cellular Distribution and Targeted Delivery of Oligonucleotides In Vivo," <i>Antisense and Nucleic Acid Drug Delivery</i> , 2003, Vol.13:169-189
TV	✓	Zhang et al., "Targeted Gene Silencing by Small Interfering RNA-Based Knock- Down Technology," <i>Current Pharmaceutical Biotechnology</i> , 2004, Vol.5:1-7

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	Applicant(s): LI et al.	Confirmation No.: 5608
	Application Filing Date: 02/05/04	Group: 1645
	Information Disclosure Statement mailed: <u>3-11</u> , 2005	



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Examiner Initial	Copy Enclosed	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
TV		5,580,859	12/03/96	Felgner et al.			
TV		5,624,803	04/29/97	Noonberg et al.			
TV		5,631,148	05/20/97	Urdea			

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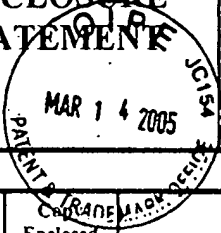
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

Examiner Initial	Copy Enclosed	Document Description
TV	✗	Adams, "RNA Therapeutics Enter Clinical Trials," (2005) The Scientist, Volume 19, Issue 1, Retrieved from the Internet on 01/18/05. Retrived as http://www.the-scientist.com/2005/1/17/28/1 6 pages
↓	✗	Andino, "RNAi puts a lid on virus replication," (2003) Nature Biotechnology, Vol. 21, No.6, pgs. 629-630
↓	✗	Caplen, "RNAi quashes polyQ," (2004) Nature Medicine, Vol.10, No. 8, pgs. 775-776
↓	✗	Check, "Hopes rise for RNA therapy as mouse study hits target," (2004) Nature, Vol. 432, pg. 136
↓	✗	Dorland's Illustrated Medical Dictionary, (2000) 29 th Edition, page 1140
↓	✗	Heidel et al., "Lack of interferon response in animals to naked siRNAs," (2004) Nature Biotechnology, Vol. 22, No. 12, pgs.1579-1582
↓	✗	McCaffrey et al., "RNA Interference in Adult Mice," (2002) Nature, Vol. 418, pages 38-39

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	Application Filing Date: 02/05/04	Group: 1645
	Information Disclosure Statement mailed: <u>3-11</u> , 2005	



Examiner Initial	Copy Enclosed	Document Description
TU	✗	McCaffrey et al., "Inhibition of hepatitis B virus in mice by RNA interference," (2003) Nature Biotechnology, Vol. 21, No. 6, pgs. 639-644
	✗	News Release. "Acuity Pharmaceuticals Closes \$15 Million Financing and Initiates First-Ever Clinical Trial of an RNAi Therapeutic," Philadelphia, October 7/PRNewswire, retrieved from the Internet. Retrieved as http://www.biospace.com/news_story.cfm?StoryID=17599420&full=1&print=1 (1 of 3) 1/31/2005 11:10:52 a.m. 2 pages
	✗	News Release. Sirna Therapeutics. "Sirna Therapeutics Commences Phase I Clinical Trial for Age-Related Macular Degeneration at Cleveland Clinic," Boulder, Colo., Nov 23/PRNewsire. Retrieved from the Internet. Retrieved as http://phx.corporate-ir.net/phoenix.zhtml?c=141787&p=irol-newsArticle&ID=646830&highlight= (1 of 4) 01/31/05 11:16:03 AM, 4 pages
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	✗	Soutschek et al., "Therapeutic silencing of an endogenous gene by systemic administration of modified siRNAs," (2004) Nature, Vol. 432, pgs. 173-178
	✗	ZFIN - The Zebrafish Model Organism Database. Database Information Sheet. Copyright © University of Oregon, 1994-2005, Eugene, Oregon. Retrieved from the Internet on 03/07/05. http://zfin.org/zf_info/dbase/db.html , 2 pages.
	✗	Xi et al., "RNAi suppresses polyglutamine-induced neurodegeneration in a model of spinocerebellar ataxia," (2004) Nature Medicine, Vol.10, No. 8, pgs. 816-820

EXAMINER <i>Tracy Wilmore</i>	Date Considered 12/13/05
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INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 275.0003 0103	Serial No.: 10/772,661
	Applicant(s): LI et al.	Confirmation No.: 5608
	Application Filing Date: 02/05/04	Group: 1635
	Information Disclosure Statement mailed: August 5, 2005	

U.S. PATENT DOCUMENTS

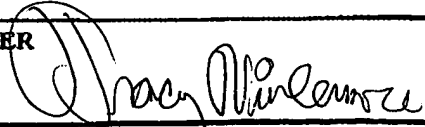
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FOREIGN PATENT DOCUMENTS

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							Yes	No
		NONE						

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

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TV	✓	Conklin. "RNA-Interference-Based Silencing of Mammalian Gene Expression," <i>ChemBioChem</i> 2003, 4:1033-1089

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